

BIRZU, I., conf.; NECULA, V., dr.; TUDOSIU, I., dr.

Considerations on the radiological diagnosis of ulcer diseases with  
pyloric localization. Med. intern. 14 no.2:193-199 F '60.

1. Lucrare efectuata in Clinica de radiologie I.M.F., Spitalul  
"Dr. I. Cantacuzino".  
(PEPTIC ULCER radiography) (PYLORUS radiography)

BIRZU, I., conf.; BUTNARU, Cornel, dr.; NEGULA, Virgil, dr.

Radiological considerations on terminal choledochitis. Med. inter.,  
Bucur 13 no.5:777-785 My '61.  
(BILE DUCTS diseases)

BIRZU, I.

Some viewpoints, successes and prospects of health care in the Rumanian People's Republic. Cas.lek.cesk 100 no.34:1057-1060 25 Ag '61.

1. Ministerstvo zdravotnictvi a socialni pece Rumunske lidove republiky.

(PUBLIC HEALTH)

BIRZU, I.; NECULA, V.

Radiological aspects of renal functional disorders. Stud. cercet.  
med. intern. 3 no.1:33-43 '62.  
(KIDNEY DISEASES radiography)

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5

BIRZU, I., conf.; NECULA, V., dr.

Radiological aspects of duodenitis. Med. intern. 14 no. 6: 715-724 Je  
'62.

(DUODENAL DISEASES)

(ENTERITIS)

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5"

BIRZU, I., conf. dr.; CIOBANU, C., dr.; NEGULA, V., dr.; MATEESCU, V., dr.; TUDOSIU, I., dr.; in colaborare cu docent STOICA, I., dr.

Possibilities of radiological diagnosis in spondylosis. Med. intern.  
14 no.7:827-836 Jl '62.

1. Lucrare efectuata in Clinica de radiologie I.M.F. din Spitalul  
"Prof. Dr. I. Catacuzino" (seful clinicii: conf. dr. I. Birzu) in  
colaborare cu Central metodologic de reumatism (director: docent  
dr. I. Stoia).

(SPINAL DISEASES) (OSTEOPOROSIS) (KYPHOSIS) (SCOLIOSIS)

BIRZU, I., conf.; NECULA, V., dr.

Value of urography in the diagnosis of chronic pyelonephritis. Med. intern. 14 no.9:1075-1085 S '62.

1. Clinica de radiologie, Spitalul "Dr. I. Cantacuzino", Bucuresti.  
(PYELONEPHRITIS) (UROGRAPHY)

SPINU, I.; BALDOVIN-AGAPI, Coralia; BIRZU, I.; MIHALCO, Florica; ROMAN, V.  
ROMAN, Stela; BORSAI, Leia; TOMESCO, Elena; KY, Tran

Distribution, according to phage groups and antibiotic sensitivity,  
of pathogenic strains of staphylococci isolated in North Vietnam.  
Arch. roum. path. exp. microbiol 21 no.1:143-153 Mr '62.

l: Travail du Ministere de la Sante et des Prevoyances Sociales,  
Direction Generale Sanitaire Antiespidemique, de l'Institut, "Dr.  
I. Cantacuzino" -Service des Cocco Pathogenes et de l'Institut de  
Microbiologie de Hanoi.

(STAPHYLOCOCCUS) (ANTIBIOTICS) (DRUG RESISTANCE, MICROBIAL)

NICOLAU, C.T., prof.; APATEANU, V., dr.; GRIGORIU, G., dr.; POPOVICI, C., dr.  
BIRZU, I., conf.; NECULA, V., dr.; GINGOLD, N., dr.; JOVIN, I., dr.  
GRIJOTTI, Florica, colaborator teh.; TEODORESCU, Viorica, colaborator teh.

Observations on technics of collection, preservation and administration of autologous bone marrow after radiotherapy and chemotherapy in neoplastic diseases. Med. intern. 15 no.12:  
1417-1423 D'63.

1. Membru corespondent al Academiei R.P.R. (for Nicolau). 2. Centrul de hematologie (for Popovici). 3. Spitalul "Prof.dr. I.Cantucuzino" (for Necula). 4. Spitalul "Vasile Roaita" (for Jovin).

\*

BIRZU,I., dr.

Aspects of the activity of the Laboratorul de igiena "Prof.  
dr. I.Cantacuzino" in Craiova. Mikrobiologia (Bucur) 8 no.6:  
559-566 N-D'63

1. Seful laboratorului din Inspectia de stat pentru igiena si  
protectia muncii, Craiova.

X

BIRZU, I.; SAVA, I.; NECULA, V.

The value of gynaeco-hystero-salpingography in the diagnosis  
of genital tuberculosis, cancer and of more infrequent  
gynaecological affections. Rumanian med. rev. 7 no.4:80-88  
O-D'63.

AKMENTYN', Aleksandr [Akmentins, A.]; BIRZVALKS, J., red.; KELJULS, L.,  
tekhn. red.

[Fundamentals of radioelectronics] Radioelektronikas element .  
Riga, Latvijas Valsts izdevnieciba, 1960. 434 p. [In Latvian]  
(MIRA 14:12)

(Radio)

BIRZVALKS, Ya. [Birzvalks, J.] (Riga)

Analysis of optimum criteria, used in calculation of direct current pumps. Vestis Latv ak no.13:91-96 '60.

(EEAI 10:9)

1. Akademiya nauk Latvisskoy SSR, Institut fiziki.

(Electromagnetic pumps)

KAHAN, D.,; SECHTER, I.,; BERCOVICI, C.,; BIRZU, N.

Variability of *Pasteurella tularensis*. Stud. cercet. inframicrobiol  
Bucur. 6 no.1-2:253-258 Jan-June 55.

1. Institutul de igiena Iasi si Laboratorul Catedrei de igiena  
din Institutul de medicina, Iasi.

(*PASTEURELLA TULARENSIS*

K & L strains, variability & antigenic properties)

BIRZU, N.

RUMANIA / Microbiology - Sanitary Microbiology. P-3  
Abs Jour: Ref Zhur-Biol., No 9, 1958, 38427.  
Author : Tudoranu, M., Stavri, Gr., Cuciureanu, G., Mutescu,  
Ionescu, M., Birzu, N., Ovanescu, A.  
Inst : Not given.  
Title : Some Data on Occurrence of Hemolytic Streptococci  
in the Air of Classrooms and Rooms of a Scarlet  
Fever Hospital.  
Orig Pub: Rev. microbiol., parazitol. si epidemiol., 1956,  
1, No 1, 51-56.

Abstract: During a scarlet fever epidemic and during the non-  
epidemic period, the prevalence of hemolytic strep-  
tococci was determined in the air of classrooms and

RUMANIA / Microbiology - Sanitary Microbiology. P-3  
Abs Jour: Ref Zhur-Biol., No 9, 1958, 38427.

Abstract: scarlet fever hospital rooms. Petri dishes with  
blood agar were exposed for 1 hour in the rooms  
under study; hemolytic streptococci isolated were  
identified serologically. The authors concluded  
that by isolating hemolytic streptococci on plates  
only a very approximate picture of the degree of  
air contamination in rooms can be obtained. Epide-  
miological investigation should always be accom-  
panied by a serological identification of strains  
isolated. It should always be borne in mind that  
at different times different strains of hemolytic  
streptococci are found. The relationship between  
epidemic strains of hemolytic streptococci and strains  
isolated during the period of scarlet fever epidemic  
should also be taken into account.

REVIEW/General Problems of Pathology. Allergy U-2

The Jour : Ref Ziar - Biol., No 14, 1958, No 65911

Author : Constantinescu N., Micu, I., Manteanu G., Ghiorghiu N.,  
Mirza-N., Ilindu P., Vacu L.

Inst : Romanian Academy

Title : Preliminary Data on the Allergic Intradermal Test in Epidemic Hepatitis

Orig Pub : Comun. Acad. RPR, 1957, 7, No 9, 273-277

Abstract : By means of the Vladimirova intradermal test (Clinic. med., 1951, 7), the authors detected the presence of an auto-allergen (AA) in a filtrate of gastric juice from a patient with epidemic hepatitis throughout the course of the disease. The AA reaction was negative in well persons and in patients with gastric and hepatic diseases.

Card : 1/1

NICOLAU, St. S., acad.; CONSTANTINESCU, N.; BIRZU, N.; ZAVATE, O.

Immunity in rabies determined by the peritoneal test of rabies  
virus neutralization. Stud. cercet. inframicrobiol., Bucur. 11  
no. 1:9-19 '60.  
(RABIES, immunology)

CONSTANTINESCU,N.; CAJAL,N.; BIRZU,N.; CEPLEANU,M.; ZAVATE,O.

Experimental rabies infection in the Syrian hamster. Stud.  
cercet. inframicrobiol., Bucur. 11 no.1:61-72 '60.

1. Comunicare presentata la Institutul de Inframicrobiologie al  
Academiei R.P.R. in sedinta din 16 septembrie 1959.  
(RABIES experimental)

NICOLAU, St. S., acad.; CONSTANTINESCU, N.; BIRZU, N.; ZAVATE, O.; MICU, I.  
TEODOROVICI, Gr.

Evolution of human rabies comparatively studied in both treated and  
untreated patients with antirabic vaccine. Consecutive therapeutic  
directives. Studii cerc inframicrobiol Special issue-supplement  
to 12:133-143 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R. si Institutul  
de igiena, Iasi. 2. Membru al Comitetului de redactie si redactor  
responsabil, "Studii si cercetari de inframicrobiologie" (for Nicolau).

(HYDROPHOBIA)

NICOLAU, St. S., acad.; CONSTANTINESCU, N.; CAJAL, N.; BIRZU, N.; ZAVATE, O.;  
MORARU, A.

Variability of the fixed rabic virus. Comparative pathogenic and  
immunogenic activity of the Pasteur and Babes strains, respectively.  
Studii cerc inframicrobiol Special issue-supplement to 12:145-155  
'61.

1. Institutul de inframicrobiologie al Academiei R.P.R. si Institutul  
de igiena, Iasi. 2. Membru al Comitetului de redactie si redactor  
responsabil, "Studii si cercetari de inframicrobiologie" (for St. S.  
Nicolau). 3. Membru al Comitetului de redactie si redactor responsa-  
bil adjunct, "Studii si cercetari de inframicrobiologie"(for Cajal).

(VIRUSES) (HYDROPHOBIA) (IMMUNITY)

CONSTANTINESCU, N.; CEPELEANU, M.; MICU, I.; BIRZU, N.; ZAVATE, O.;  
MORARU, A.

Strains of the modified rabic virus, isolated from human meningo-  
encephalomyelitis with a course atypical of rabies. Studii cerc  
~~inframicrobiol~~ Special issue-supplement to 12:167-174 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R. si Institutul  
de igiena, Iasi.

(HYDROPHOBIA) (ENCEPHALOMYELITIS)

ZAVATE, O.; CONSTANTINESCU, N.; BIRZU, N.; OANA, C.; PANAITESCU, Gh.;  
MIHAIL, Al.

Inframicrobial infectious hepatitis in family environment. Studii  
cerc inframicrobiol Special issue-supplement to 12:285-294 '61.

l. Institutul de inframicrobiologie al Academiei R.P.R. si Insti-  
tutul de igiena, Iasi.

(HEPATITIS, INFECTIOUS)

NICOLAU, St. S., acad.; ZAVATE, O.; CONSTANTINESCU, N.; MICU, I.; BIRZU, N.; RUSU, Florica; OVANESCU, Al.

Viral infectious hepatitis (V.I.H.) transmitted parentally. Studii cern inframicrobiol 12 no.4:421-435 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R. si Institutul de igiena, Iasi. 2. Membru al Comitetului de redactie si redactor responsabil "Studii si cercetari de inframicrobiologie" (for Nicolau)

NICOLAU, St.S., academician; CONSTANTINESCU, N.; BIRZU, N.; ZAVATE, O.;  
MICU, I.; TEODOROVICI, Gr.

The comparative course of human rabies in patients treated or not  
treated with anti-rabies vaccine and the therapeutic directives  
called for. Stud. cercet. inframicrobiol. 12:133-143 Supplement  
'61.

(RABIES immunology)

(VACCINE THERAPY)

NICOLAU, St.S., academician; CONSTANTINESCU, N.; CAJAL, N.; BIRZU, N.;  
ZAVATE, O.; MORARU, A.

The variability of rabies fixed virus. The comparative pathogenic  
and immunogenic activity of the "Pasteur" and "Babes" strains.  
Stud. cercet. inframicrobiol. 12:145-155 Supplement '61.  
(RABIES virology)

CONSTANTINESCU, N.; CEPELEANU, M.; MICU, I.; BIRZU, N.; ZAVATE, O.;  
MORARU, A.

Modified rabies virus strains isolated from human cases of meningo-  
encephalomyelitis with an atypical course in rabies. Stud. cercet.  
inframicrobiol. 12:167-174 Supplement '61.  
(RABIES virology) (ENCEPHALOMYELITIS virology)  
(MENINGOENCEPHALITIS virology)

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CIA-RDP86-00513R000205410013-5

ZAVATE, O.; CONSTANTINESCU, N.; BIRZU, N.; OANA, C.; PANAITESCU, Gh.;  
MIHAIL, Al.

Inframicrobial infectious hepatitis (I.I.H.) in the family  
environment. Stud. cercet. inframicrobiol. 12:285-294 Supplement  
'61.

(HEPATITIS, INFECTIOUS statistics)

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5"

BIRZU, N., dr.

Research on several strains of influenza virus isolated in the epidemic of Jassy, 1962. Microbiologia (Bucur) 8 no.4:359-362 Jl-Ag '63.

1. Lucrare efectuata in Laboratorul de virusologie din Inspectia de Stat pentru Igiena si Protectia Muncii, regiunea Iasi.

(INFLUENZA VIRUSES) (INFLUENZA)  
(EPIDEMIOLOGY)

MANTA, I.; BEDELEANU, D.; BIRZU, O.

Biochemistry of atheromatosis. Pt. 6. Studii cerc biochimie  
7 no.1:9-17 '64.

1. Department of Biochemistry of the Medicopharmaceutical  
Institute, Cluj.

PREDA, V.; MAFTEI, Elena; BIRZU, O.; GOCAN, Marilena; GEORGESCU, I.

Role of the nervous system in the respiration of the re-generative tissues of *Triturus cristatus cristatus* Laur.  
Studii cerc biol s. zool 16 no. 3:213-217 '64.

1. Chair of Biology, Medicopharmaceutical Institute, Cluj.

ROSENBERG, A.; POP, E.; BOZAC, A.; BIRZU; O.

Further histochemical contributions to the mechanism of experimental cholestatic liver cirrhosis. Acta morph. acad. sci. hung. 12 no.1: 67-84 '63.

1. Institut fur Pathologische Anatomie (Direktor Prof. A. Muresan),  
Institut fur Deskriptive Anatomie (Direktor: Prof. I.G. Russu),  
und Institut fur Biochemie (Direktor: Prof. I. Manta) der Medizinischen Hochschule. Cluj, Rumanien.

(LIVER CIRRHOSIS, OBSTRUCTIVE) (LIVER GLYCOGEN) (FATS)  
(PHOSPHOLIPIDS) (RNA) (SUCCINATE DEHYDROGENASE)  
(ALKALINE PHOSPHATASE) (ALDOLASE) (ADENOSINE TRIPHOSPHATASE)

BIRZU, 5t.

## BIOLOGY/BRAIN AND ANIMAL MORPHOLOGY - THE SKINLICE.

the Jour : Mat Zhar Biol., No 5, 1959, 213-30  
Author : Chernova, Gia., Kuz. Ch., Miasnikov, V.; Nettensberg,  
          Joh. Hirns, St., Elisa, St., Plasenius, M.  
Date :  
Title : Investigation of Fibrillar Reactions of the Fibri-  
      lar Axon Structure  
Oral Pub : Medv. novosti i pot., 1959, 3, No 1, 61-63

Abstract : It has been shown in bone preparations identified  
with strong HPO<sub>3</sub> containing formula that the prin-  
cipal fibrillar network is stained with osmium blue  
(Mallory), is demonstrated by the Mall's reaction, is  
not impregnated with silver, and is storiform.  
Certain fibrillar lamellae give reactions of the basic  
type; others are fusculopliile, notably argyrophilic,  
and are very weakly demonstrated by the Mall's  
reaction, and are double refractive. The cuticular

Card 1/2

- 19 -

believe that different characters of the lamellae  
correspond to different stages of evolution.

Card 2/2

DEREVENCO,P.; TICSA,I.; CSUTAK,W.; DEREVENCO, Vera; HIRZU, Teresa

Some correlations between physical effort and the pharmacodynamic action of some substances. Fiziol. norm. pat. no.6: 549-558 '64.

1. Institutul de Cercetari medicale al Academiei Republicii Populare Romane, Filiala Cluj (director: acad. A. Moga) si Catedra de farmacologie Institutul medico-farmaceutic (director: prof. C.C. Velluda).

BIRZUL, A.I.

AID P - 3396

Subject : USSR/Electricity

Card 1/1 Pub. 29 - 11/30

Author : Birzul, A. I., Foreman

Title : Device for stirring up coal on the bunker grill

Periodical : Energetik, 10, 17, 0 1955

Abstract : The author briefly describes a raking device which he developed as an attachment to the scraper shovel. Two drawings.

Institution : None

Submitted : No date

TOKHTUYEV, Gleb Vasil'yevich, kand. geol.-miner. nauk; BORISENKO,  
Veniamin Grigor'yevich, inzh.; TITLYANOV, Anatoliy  
Andreyevich, inzh.; BIRZUL, A.M., inzh., retsenzent;  
SEMENENKO, M.D., inzh., red. Izd-va STARODUB, T.A., tekhn.  
red.

[Physicomechanical properties of rocks in the Krivoy Rog Basin]  
Fiziko-mekhanicheskie svoistva gornykh porod Krivbassa. Kiev,  
Gostekhizdat USSR, 1962. 100 p. (MIRA 16:2)  
(Krivoy Rog Basin--Rocks--Testing)

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CIA-RDP86-00513R000205410013-5

(Prof.)

(Prof.)

1. MALIKOV, M.F.; GORBATSEVICH, S.V.; YUMATOV, A.A.; BIRZVALKS, YU.A.; POLIVANOV, K.M.
2. USSR (600)
4. Egerman, A.IA.
7. Determining amperage - the fourth fundamental unit in the practical absolute unit system, Prof. M.F. Malikov, S.V. Gorbatshevich, Engs. A.A. Yumatov, YU.A. Birzvalks, Prof. K.M. Polivanov, Elektrichestvo no. 4, 1953.
9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

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CIA-RDP86-00513R000205410013-5"

BIRZVALK, Yu. A.

"Velocity Distribution and Magnetohydraulic Pressure Loss in a Right-angled Channel," from the book-(Applied Magnetohydrodynamics), Works Of the Institute of Physics, Vol 8, edited by I.a. Tyutin, Candidate of Technical Sciences; I.M. Kirko, Candidate of Physicomathematical Sciences; V.G. Vitol, Candidate of Physicomathematical Sciences; and S.A. Varchenya; Riga, Publishing House of the Academy of Sciences Latvian SSR; 1956, 132 pp

Sum in 1467

BIRZVALK, Yu. A.

"Introduction to the Theory of Induction Pumps," from the book-(Applied Magnetohydrodynamics), Works of the Institute of Physics, Vol 8, edidited by I. A. Tyutin, Candidate of Technical Sciences; I.M. Kirko, Candidate of Physicomathematical Sciences; V. G. Vitol, Candidate of Physicomathematical Sciences; and S.A. Varchenya; Riga, Publishing House of the Academy of Sciences Latvian SSR; 1956, 132 pp

Sum in 1467

BIRZVALK, Yu. [Birzvalks,J.] (Riga); VEZE, A. (Riga)

Distribution of speed in the pipes of electromagnetic pumps with  
rectangular cross sections. Vestis Latv ak no.10:85-89 '59.

(EEAI 9:10)

1. Akademiya nauk Latviyskoy SSR, Institut fiziki.  
(Electromagnetic pumps)

BIRZVALKS, Yu. [Birzvalks, J.] (Riga)

Analytic calculation of the distribution of potential in a direct current upmp's marginal zone. Vestis Latv ak no.12:49-58 '59.  
(EEAI 9:11)

1. Akademiya nauk Latviyskoy SSR, Institut fiziki.  
(Electromagnetic pumps)

BIRZVALKS, Yu. [Birzvalks, J.] (Riga)

Distribution of current in the sections of longitudinal axis of a  
pipe of a direct current pump. Vestis Latv ak no.2:63-72 '60.  
(EEAI 10:1)

1. Akademiya nauk Latviyskoy SSR, Institut fiziki.  
(Pumping machinery)

BIRZVALK, Yu. A., Cand. Tech. Sci. (diss) "Electromagnetic Processes in Direct-current Pumps for Liquid Metals," Moscow, 1961, 19 pp. (Power Engineering Inst.) 400 copies (KL Supp 12-61, 263).

FILIPPOV, M.V., kand. tekhn. nauk, otv. red.; KIRKO, I.M., doktor fiz.-mat. nauk, red.; BIRZVALK, Yu.A. [Birzvalks, J.], kand. tekhn. nauk, red.; LIVELAUSIS, O.A. [Lielausis, O.], kand. fiz.-mat. nauk, red.; TSINOBER, A.B. [Cinobers, A.], red.; UKERMARKA, R.P., red.; SAVEL'YEVA, Ye., red.; TEYTEL'BAUM, A., red.; LEMBERGA, A., tekhn. red.

[Reports delivered at the Third Conference on Theoretical and Applied Magnetohydrodynamics in Riga, July 2-7, 1960] Doklady, prochitannye na... Riga, Izd-vo AN Latviiskoi SSR. Sec.3. [Problems in magnetohydrodynamics] Voprosy magnitnoi gidrodinamiki. 1963. 408 p. (MIRA 17:4)

1. Soveshchaniye po teoreticheskoy i prikladnoy magnitnoy gidrodinamike. 3d, Riga, 1962. 2. Chlen-korrespondent AN Latviyskoy SSR (for Kirko).

BIRZVALK, Yu.A., kand. tekhn. nauk

Application of the converter theory to an electromagnetic conduction  
pump. Elektrichestvo no.6:21~23 Je '65.  
(MIRA 18:7)

1. Institut fiziki AN Latviyskoy SSR.

L 06190-67  
W.C. 87

ACC NR: AP6029083

SOURCE CODE: UR/0413/66/000/014/0158/0158

INVENTOR: Birzvalks, Yu. A.; Ul'manis, L. Ya.

55

B

ORG: none

TITLE: Device for contactless measuring of the flow rate of an electroconductive fluid. Class 42, No. 142783

AM

SOURCE: Izobret prom obraz tov zn, no. 14, 1966, 158

TOPIC TAGS: flow measurement, flow meter, flow rate, electroconductive fluid, electronic circuit, servomechanism

ABSTRACT: The proposed device for contactless measuring of the flow rate of electroconductive fluids in pipelines is based on a zero method with the use of a travelling magnetic field, generated by a plane stator, and a phase-sensitive measuring circuit. In order to eliminate the dependence of the measuring device readings on the electrical conductivity of the fluid being measured, two measuring coils are used which are positioned under the plane stator at the opposite sides of the measured section of the pipeline; they are also connected to the input of the phase-sensitive circuit, and to a servomechanism controlled by the output signal of the circuit, thus ensuring the adjustment of the speed of the travelling magnetic field with the flow rate of the fluid being measured. [WA 88] [AV]

SUB CODE: 20,09,14/ SUBM DATE: 05Mar60

Card 1/1 afs

BIRZVALKS, Juris; EVERSS, I., red.; BALODIS, A., tekhn. red.

[Unit systems for measurement of physical quantities]

Par fizikalo lielumu mervienibu sistemam. Riga, Latvijas valsts izd-va, 1963. 113 p. (MIRA 17:1)

L 30213-66 EWT(m)/ETC(f)/T

ACC NR: AP6022912

SOURCE CODE: CZ/0038/66/000/001/0019/0020

AUTHOR: Bis, Jiri72  
BORG: Nuclear Power Station, Skoda Plant, Plzen (Zavod Jaderne elektrarny, Skoda)TITLE: Analysis of gas flow states at low outputs of reactor A 1SOURCE: Jaderna energie, no. 1, 1966, 19-20

19

TOPIC TAGS: nuclear electric power plant, nuclear reactor, nuclear reactor technology, gas flow, flow analysis

**ABSTRACT:** The article is an abstract of author's report No A6 0663/Dok. Analysis of low flow velocities of carbon dioxide through fuel cells at 1, 8, 20, 35, and 54 atmospheres pressure, at low power outputs is presented. Stability of the flows is discussed, and the possibilities of the reversion of the direction of flow are evaluated. The influence of irregularities in the flow of the gas upon the output of the reactor are discussed. Problems of natural circulation of the gas, and of the resulting reversion in the direction of the gas flow are evaluated. The results are used to predict the output limits for maintaining safe operation. [Orig. art. in Russian] [JPRS]

SUB CODE: 10, 18 / SUBM DATE: none

Card 1/1 CC

UDC: 621.039.5 Al 621.039.517

0973

0988

BISANZ, J.; DABROWSKI, M.

Practical application of the system of tolerance and fittings in the Bozenko  
Furniture Factory in Kiev. p. 144.

PRZEMYSŁ DRZEWNY. Centralne Zarządy Przemysłów: Drzewnego, Meblarskiego, i  
Lesnego i Stowarzyszenie Inżynierów i Techników Leśnictwa i Drzewnictwa.  
Warszawa, Poland. Vol. 9, No. 5, May 1958.

Monthly List of East European Accession (EEAI), LC, Vol. 8, No. 9, Sept. 1959.  
Uncl.

BISANZ, J.

TECHNOLOGY

Periodicals: NORMALIZACJA. Vol. 26, No. 3, March 1958.

BISANZ, J. The Conference of the International Organization for Standardization, Technical Committee 55, "Coniferous Timber Dimensions and Faults." P. 133.

Monthly List of East European Accessions( EEA) LC, Vol. 8, No. 2,  
February 1959, Unclass.

BISANZ, J.: DURAS, L.

The production and conservation of oak blocks for export. p. 189.

PRZEMYSŁ DRZEWNY. (Centralne Zarządy Przemysłów: Drzewnego, Meblarskiego, i Lesnego i Stowarzyszenie Inżynierów i Techników Leśnictwa i Drzewnictwa) Warszawa, Poland. No. 3. March 1959.

Monthly List of East European accession (EEAI), LC. Vol. 8, No. 9, September, 1959. Uncl.

BISANZ, Juliusz

Projects of international standards "Coniferae sawmill materials — sizes and defects". Przem drzew 12 no.10:1-2 '61.

(Lumber)

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5

BISANZ, Teresa

Teresa Bisanz: "Fries Rearrangement of  $\beta$ -Naphthol Esters and of Their Derivatives. I. Evidence for the Mechanism of the Reaction," \* Roczniki Chemii, Vol 30, No 1, Warsaw, 1956. Published from the Chair of Organic Chemistry, Warsaw Polytechnic, 1 Dec 54.

\*This publication constitutes a part of the candidate's work (thesis) of Mgr. Teresa Bisanz.

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5"

TERESA BISANZ

Teresa Bisanz: "Fries Rearrangement of  $\beta$ -Naphthol Esters and Their Derivatives. II. Reactions of 1-Methyl-2-Hydroxynaphthalene and its Ethers with Benzoyl Chloride," Moczniki Chemii, Vol 30, No 1, Warsaw, 1953. Published from the Chair of Organic Chemistry, Warsaw Polytechnic, 1 Dec 54. Co-author, Wieslaw Jaciobedzki.

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5

Bisanz, Teresa

Teresa Bisanz: "Fries Rearrangement of  $\beta$ -Naphthol Esters and Their Derivatives. III. Dimethyl- and Monomethyl-1,2-Dihydroxynaphthalene Ether Reactions with Acetyl Chloride," Roczniki Chemii, Vol 30, No 1, Warsaw, 1956. Published from the Chair of Organic Chemistry, Warsaw Polytechnic, 1 Dec 54.

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5"

BISANZ, T.; JASIOBEDZKI, W.

"Fries rearrangement of  $\beta$ -naphthol esters and of their derivatives. II.  
Reactions of 1-methyl-2-hydroxynaphthalene and its ethers with benzoyl  
chloride."

p. 103 (Roczniki Chemii) Vol. 30, no. 1, 1956  
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

BISANZ T.

"Fries rearrangement of -naphthol esters and of their derivatives. III.  
Dimethyl-and monomethyl-1, 2-dihydroxynaphthalene ether with acetyl  
chloride reactions."

p. 111 (Roczniki Chemii) Vol. 30, no. 1, 1956  
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

BISANZ, T.  
BISANZ, T.

Fries' rearrangement of 2-naphthol esters and of some of its derivatives transposed  
in the first position; a thesis.

p. 215 (*Wiadomosci Chemiczne*) Vol. 11, no. 3, Mar. 1957, Wroclaw, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

3  
2 May  
2

Distr: 4E2c(j)/4E3d

✓ Orientation in the  $\beta$ -naphthol system in acylation reactions. I. Reactions of acylation of 2-methoxy-6-methyl-naphthalene and 1-acetylaminio-2-methoxynaphthalene. *Acta Polon. (Politech.) Warszaw.*, Roczniki Chem. 32, 759-67 (1958) (English summary).—It is shown that cyclization of 2-methoxy-6-methylnaphthalene in position 1 proceeds much slower than the Fries rearrangement of 2-acetoxy-6-methylnaphthalene. This lack of reactivity favors selfcondensation of the substrate on treating with AlCl<sub>3</sub>. Friedel-Crafts reaction of 1-acetylaminio-2-methoxynaphthalene with AcCl in PhNO<sub>2</sub> results in 1-acetylaminio-2-methoxy-6-acetylnaphthalene. Under different conditions condensation of 2-hydroxy-6-methylnaphthalene with acetoacetic ester leads to cyclization to  $\alpha$ - or  $\gamma$ -pyrone rings. 4,4'-Dimethylbenzo[1',2':5,6]coumarin (m. 199-200°, yield 32%) was formed by action of concd. H<sub>2</sub>SO<sub>4</sub>. Thermal cyclization led to 2,4'-dimethylbenzo[1',2':5,6]chromone (m. 165-6°) which proved to be identical with the product of

R8 VI Kostanecki's reaction of 1-acetyl-2-hydroxy-6-methylnaphthalene with Ac<sub>2</sub>O. A. K.

BISANZ, T.

Distr: 4E3d

✓ Orientation in the  $\beta$ -naphthol system in acylation reactions. II. The steric effect of the peri-H atom on the dissociation constants of 1-acetyl-2-(and 4)-hydroxynaphthalene. Teresa Bisanz and Barbara Dybowska (Politechnika, Warsaw). Roczniki Chem. 33, 675-83 (1959) (English summary); cf. C.A. 54, 4231A.—Dissocn. consts. of the following compds. in 48 vol.-% EtOH at 20° were detd.:  $\rho$ : (I) (pK 8.40;  $K \times 10^3$  3.98) and  $\sigma$ -hydroxybenzaldehyde (9.1; 0.704);  $\rho$ : (II) (8.08; 1.05), and  $\sigma$ -hydroxyacetophenone (III) (11.0; —); 1-formyl-4- (7.56; 26.9) and 1-formyl-2-hydroxynaphthalene (8.04; 9.12); 1-acetyl-4- (IV) (8.40; 3.98), 1-acetyl-2- (V) (9.38; 0.417), 2-acetyl-1- (10.2; 9.60) and 6-acetyl-2-hydroxynaphthalene (9.00; 0.25). The ratio of K<sub>a</sub> of I to II may be a measure of the difference of the effect of aldehyde and Ac groups conjugation on the acidity of phenols. The difference of pK between IV and V is much smaller than between II and III, which is due to smaller effect of H bond in V and may be ascribed to the deviation of the COMe group from the plane of the rings.

A. Krusiewski

4E3d

4- Jun 1968

BISANZ, Teresa

Orientation in acylation of  $\beta$  - naphthol derivatives. Pt.3.  
Rocznik chemii 37 no.2:133-144 '63.

1. Department of Organic Chemistry, Institute of Technology,  
Warsaw.

BISANZ, Teresa; PREJZNER, Jan

Orientation in Friedel-crafts acylation of  $\alpha$  and  $\beta$  naphthol derivatives. Pt.4. Rocznik chemii 37 no.2:167-178 '63.

1. Department of Organic Chemistry, Institute of Technology, Warsaw, and Institute of Organic Synthesis, Polish Academy of Sciences, Warsaw.

BISAREV, B.M.

Economic and cultural development of the Yamal-Nenets National Area during the years of the Soviet regime. Trudy Sal. stats.  
UFAN SSSR no.1:9-25 '59. (MIRA 14:9)  
(Yamal-Nenets National Area--History)

BISCA, Vasile, ing.

Technical and material base for future achievements. Constr. Doc  
16 no. 751;3 30 May '64.

1. Head of the Regional Trusts for Housing Construction, Crisana.

BISCAU, Gheorghe

Rhythical supply. Constr Buc 17 no.782:3 5 Ja '65.

1. Assistant Director, Supply Enterprise for Constructions of the  
Bucharest People's Council.

VUGO:

Synthesis in the dihydroether series. II. Prepn. of 2-phenoxy-1,2,3,4-tetrahydroquinoline and of 8-phenoxy-1,2,3,4-tetrahydro-  
quinoline. J. Biskup, and O. Banthavik-Banikja  
[J. Prakt. Chem., Reihe 3, 25, 253-9 (1963)]  
(cf. also summary; cf. C.A. 49, 23484.) — A tech. mix. of  
 $\alpha$ - and  $\beta$ -C<sub>6</sub>H<sub>5</sub>NO<sub>2</sub> (ratio 70:30) was converted to the corresponding diphenyl ethers [Org. Syntheses, Collective  
Vol. II, 41, 8 (1941); C.A. 25, 1691P] reduced by Suter's method  
(C.A. 25, 4466) to a mixt. of the corresponding aminodiphenyl ethers, bp 180-90°, in 75% yield, which were separated to the individual ethers by Suter's method (loc. cit.).  
Thus from 30 g. of the mixt. were obtained 25 g. (69%) of the pure 8-aminodiphenyl ether (I), m. 43-4°. A modified Skraup synthesis with 0.05 mole I, 0.2 mole of glycerol, 0.0375 mole  
As<sub>2</sub>O<sub>3</sub>, and 10.12 g. concd. H<sub>2</sub>SO<sub>4</sub> gave 71% crude 8-phenoxy-  
quinoline (II) purified by vacuum distillation, b.p. 218-22°,  
m. 167-8-6.5°. II.HCl crystallizes from EtOH-Et<sub>2</sub>O as the  
monohydrate, colorless prisms, m. 102-1°. Melting-  
pt. 70° [individ. II.HCl (III)], dehydration *in vacuo* over  
P<sub>2</sub>O<sub>5</sub>, gave III, m. 170-1°; picrate, yellow needles, m.  
140.5-1.5° (from EtOH); picrolonate, yellow needles,  
m. 175-5.5° (decoupled) (from EtOH-toluene). To 0.032  
mole II in 100 ml. hot abs. EtOH was added 0.052 g.-atom  
N, and after 10 min. 100 ml. more EtOH was added to dissolve  
all the N. After 10 min. HCl was added and the mixt. evapd.  
to dryness, then ext'd. with H<sub>2</sub>O and Et<sub>2</sub>O to give 67% of the  
8-phenoxy-1,2,3,4-tetrahydroquinoline (IV), colorless oil,  
b.p. 205-1.5°, n<sub>D</sub><sup>20</sup> 1.5920. Upon recryst. it, m. 141-3° (from  
EtOH-HCl, m. colorless prisms, m. 141-140° (from  
EtOH-HCl), picrate, yellow needles, m. 174-9° (de-  
coupled) (from EtOH). — Werner, p. 43.

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5"

S/081/62/000/017/044/102  
B162/B101

AUTHORS: Bischof, Rudolf, Papež, Karel

TITLE: Method of producing emissive layers and emitters, in particular strontium and radium emitters for instance for dosimetric purposes, no-contact measuring, neutralization of electrostatic charges, and therapeutic purposes, by means of electrolysis from organic solution

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 17, 1962, 147, abstract 17E47 (Czechoslovak patent 9982, April 15, 1961)

TEXT: The method suggested is distinguished by the fact, that with electrolysis the voltage is gradually increasing to 100 - 10000 v. Example: Production of emitters containing Sr<sup>90</sup>. Sr is converted into a compound dissolvable in a chosen organic solvent (for example Sr sulfo-cyanide in acetone). In the electrolysis of this solution, a layer of Sr<sup>90</sup>CO<sub>3</sub> is deposited on the cathode owing to a gradual increase in voltage up to several kv. The activity obtained per unit area is a function of ✓

Card 1/2

Method of producing emissive...

S/081/62/000/017/044/102  
B162/B101

the initial concentration of the salt and of the voltage. In a similar way it is possible to produce emitters of various types (particularly in the form of needles), containing Ra or active Ca and Ba isotopes. [Abstracter's note: Complete translation.]

Card 2/2

41688  
S/123/62/000/019/007/010  
A006/A101

71-4700

AUTHORS: Bischof, Rudolf, Papež, Karel

TITLE: Electrolytical application of radioactive coatings

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye; no. 19, 1962, 39,  
abstract 19B221P (Czechosl. Patent, cl. 48a, 14/04, no. 99982,  
of April 15, 1961)

TEXT: A patent was issued for a method of applying radioactive layers, in particular strontium 90 and radium. A characteristic feature of this method is that the deposition of these elements is analogous to conventional electrolysis, but is performed from molten salts in organic solvents at high voltages. To obtain thicker coatings (determined by the weight of the deposited salt, and equal to tens of mg per 1 mm<sup>2</sup> of the cathode surface) and to maintain the current density at the required level (not below 10 mamp per 1 cm<sup>2</sup>) it is suggested to increase the voltage gradually from 100 v to 10 kv. So, for instance, to obtain a radiation source with a strontium 90 layer, strontium sulfocyanate is selected, and acetone is taken as a solvent. As a result, a layer of strontium 90

Card 1/2

X

Electrolytical application of...

S/123/62/000/019/007/010  
A006/A101

carbonate is deposited on the cathode. The radiation activity of one surface unit is a function of the initial salt concentration and initial voltage. It is noted that it is most convenient to obtain in such a manner radioactive layers on the radiation sources in the form of needles. Emitters produced by the patented method can be used as radiation sources in contactless measurement of thickness, levels, concentrations, for neutralization of electrostatic charges in the emitter range (air ionization by  $\beta$ -radiation), and in many other cases (e.g. sterilization). The patented method can also be used to prepare layers emitting  $\alpha$  or  $\gamma$ -particles and to apply emission layers of non-radioactive strontium or barium on electrodes of electron tubes.

B. Yakovlev

[Abstracter's note: Complete translation] X

Card 2/2

**Abstract [Authors' English summary, modified]:** Derived is the dependence of brightness of a radioactive self-luminous substance on the time of exposure.

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L 52006-65

Card 2/2

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CIA-RDP86-00513R000205410013-5"

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5

more expensive than those prepared by powder metallurgy  
but are of lower quality; 3) electrolysis of an aqueous solution of radium salts  
with the simultaneous introduction of carbon dioxide is not suitable.

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"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5



APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5"

BISCHOFF, E.

CZECHOSLOVAKIA/Chemical Technology - Leather. Fur. Gelatin.

H-35

Abs Jour : Ref Zhur - Khimiya, No 24, 1958, 83939

Author : Bischoff, E.

Inst :

Title : Syntans Which are Used in the Polish Leather Industry.

Orig Pub : Kozarstvi, 1957, 7, No 2, 46-49.

Abstract : The Polish syntans under the name of rotanins (R) are manufactured according to the formulations for the German ones. R of the BWS brand has the greatest specific gravity (74.5%), then follows brands M (15%), W (7.6%), BN (1.8%) and R (1%). The basic raw material for the manufacture of R are one-ring phenols and sulfite luquors. In a blend of tanning agents for the manufacture of sole-leathers by an extract - pouring - drum tanning method, 26.2% of syntans (BWS) is used. A technique for tanning sole-leather using a blend containing 70% of R was worked out.

Card 1/2

- 86 -

BISCHOFF, W.

TECHNOLOGY

PERIODICAL: POMIARY, AUTOMATKA, KONTROLA. Vol. 4, No. 7, July 1958

BISCHOFF, W. A coupling device for two intercrossed axles. p. 329.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4  
April 1959, Unclass.

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5

*Biseishvili, M.I.*

**BISEISHVILI, M.I.**

~~Designing avalanche defenses on mountain highways. Trudy GPI  
no.6:101-105 '56.~~

(MIRA 11:2)

1.Kafedra avtomobil'nykh dorog Gruzinskogo politekhnicheskogo  
instituta im. S.M. Kirova, Tbilisi.  
(Mountain roads) (Avalanches)

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5"

BISEISHVILI, M. I.: Master Tech Sci (diss) -- "The problem of combatting snow drifts and slides on the mountain highways of the Georgian SSR". Tbilisi, 1959.  
14 pp (Min Higher Educ USSR, Order of Labor Red Banner, Georgian Polytech Inst im S. M. Kirov), 150 copies (KL, No 11, 1959, 118)

BISEK, F.

Experience with the rationalizers' movement. p. 149.  
STAVIVO, Praha, Vol. 33, no. 5, May 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct 1955,  
Uncl.

~~1~~  
BISEK, F.

BISEK, F. Switzerland. I. p. 336

Vol. 34, no. 9, Sept. 1956

STAVIVO

TECHNOLOGY

Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5

BISEK, F., inz.

Development of the building material production in the German  
Democratic Republic. Stavivo 42 no. 6:231-233 '64.

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5"

BISEK, F., inz.

"Dredging" by E.Livecka, L.Malzer. Reviewed by F.Bisek. Stavivo  
42 no.11:439-440 N '64.

BISEK, F., inz.

Equipment for the production of prestressed reinforced concrete pipes, Stavivo 43 no.1:30-31 '65.

High power machine for making prestressed reinforced concrete pipes. Ibid. 31

BISEK, F., inz.

Development of the building material production in the German Democratic Republic. Pt.4. Stavivo 43 no.2:66-68 '65.

BISEK, Ivan, dr. inz.

Bursting operations in making the Jindrich shaft in the  
Rosice coal mines. Uhli 5 no. 9:322-323 S'63.

1. Vedouci hloubeni, zavod 42 VKD, usek 12.sjednu.

ADAM, Karel; BISEK, Ivan, dr. inz.

Safety measures for ensuring the connection of guide slides  
with mining buckets in pit sinking. Uhli 5 no. 12: 427 D '63.

1. Vystavba kamenouhelných dolů, závod 42, Zbyšov u Brna.

BISEK, Ivan, dr. inz.

Blasting operations in sinking the deepest coal mine in Central Europe. Uhli 7 no. 3:95 '65.

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5

YESHPANOV, D.O.; SHARIPOV, V.Sh.; FILIPPOV, V.K.; BISEMBAYEV, K.;  
KIM, G.S.

Breaking off ore with the use of self-propelled equipment  
at the Dzhezkazgan Mine. Trudy Inst. gor. dela AN Kazakh.  
SSR 13:73-77 '64. (MIRA 17:7)

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5"

BISEMBIN, D.D.

Endemic goiter in Dzhambul Province. Zdrav.Kazakh, 22 no.11:35-  
37 '62. (MIRA 16:2)

1. Iz kafedry obshchey khirurgii (zav. - prof. I.K. Akhunbayev)  
Kirgizskogo meditsinskogo instituta.  
(DZHAMBUL PROVINCE—GOITER)

BISEMBIN, D.D.

Morphological characteristics of the thyroid glands in sheep of  
Dzhambul Province of the Kazakh S.S.R. Trudy KirgNOAGE no.2:69--  
71 '65.

Morphological characteristics of the thyroid glands in cows of  
Dzhambul Province of the Kazakh S.S.R. Ibid.:72-74

(MIRA 18:11)

1. Iz kafedry gistollogii (zav. - prof. A.A.Braun) i kafedry  
~~obshchey~~ khirurgii (zav. - prof. I.K.Akhunbayev) Kirgizskogo  
gosudarstvennogo meditsinskogo instituta.

BRAUN, A.A.; BISEMBIN, D.D.

Seasonal changes in the microstructure of the thyroid gland in sheep and cows. Trudy KirgNOAGE no.2:88-90 '65.

(MIRA 18:11)

1. Iz kafedry gistolologii (zav. - prof. A.A.Braun) i kafedry obshchey khirurgii (zav. - prof. I.K.Akhunbayev) Kirgizskogo gosudarstvennogo meditsinskogo instituta.

BISENEK, I. V.

USSR/Radio - Receivers, Line

May 51

"The Two-Ban 1-V-2 Receiver," B. M. Smetanin, I. V.  
Bisenek

"Radio" No 5, pp 32-35

Describes simple 3-tube line receiver using 1-V-2 circuit (one rf amplification stage, detector stage and 2 af amplification stages). Long (720-2,000 m) and medium (250-600 m) wave bands. Sensitivity same as 3d class superhet. Tubes used are 6SG7 or 6SK7 (rf amplifier) 6H85 or 6N7 twin triode (detector and 1st of amplifier), and 6V6 beam power amplifier (output stage). Autotransformer-selenium rectifier power pack. Output power - 3 w.

182T107

FEDORENKO, I., agronom; MATVEYEV, S.; NUZHNAIA, A.; BISENGALIEV, K.

For those in the field. Sov.profsciuz 17 no.11:40 Je '61.  
(MIRA 14:5)

1. Chlen rabochikoma Kalalskogo sovkhosa (for Matveyev). 2. Instruktor  
Alma-Atinskogo oblsovprofa (for Nuzhanaya). 3. Neshtatnyy korrespondent  
zhurnala "Sovetskiye profsoyuzy" (for Bisengaliyev).  
(Kazakhstan—State farms)

~~BISENIEKS, E.E.~~

~~BISENIEKS, E.E.~~

The waterway Riga-Kherson. Rech.transp. 16 no.8:29-31 Ag '57.  
(MIRA 10:11)

(Inland navigation)

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205410013-5"

BISMENIYETSE, S. K.

Dissertation: "The Problem of the Composition and Utilization of Pine Resin Obtained in an Apparatus with a Recirculating Steam-Gas Mixture in a Retort." Cand Chem Sci, Institute of Forestry Problems, Acad Sci Latvian SSR, Riga, 1953. (Referativnyy zhurnal-Khimika No 12, Moscow, Jun 54)

AB: SUW 318, 23 Dec 1954

BISENTE, S. [K]

Characteristics of pine tar obtained by mixing of the dry distillation gases with a fan. A. Kaininis, V. Sergejeva, and S. Biseniece. *Latvijas PSR Zinātņu Akad. Viestis 1953, No. 8, 75-9* (Russian summary, 89).—In dry distn. of pine wood, mixing of the distn. gases with a fan increased the yield of both free and combined phenols (I). The light tar contained 48% of the heavy tar 41% I. The tars contained 7-11% acids, 11-12% esters, 0.3-1.5% ethers, and practically no resins. Mol. wt. of the neutral part was 230-40. A. D.

Fuel

3

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5

DISSEMINATION, J. A.

In Latvian

BISENIJETSE, S. K. -- "Problem of Composition and Utilization of Pine Tar Obtained from a Retort with a Circulating Steam-gas Mixture.  
Acad Sci Latvian SSR, Inst of Forestry Problems, 1954. In Latvian (Dissertation for the Degree of Candidate of Chemical Sciences)

SO: Investīva Ak. Nauk Latvijas SSR, No. 9, Sept., 1955

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205410013-5"

GOLOVA, O.P.; EPSHTEYN, Ya.V.; SERGEYEVA, V.N.; KALNIN'SH, A.I. [Kalnins, A.];  
ODINTSOV, P.N.; MAKSIMENKO, N.S.; PANASYUK, V.G.; Prinimali  
uchastiye: MERLIS, N.M.; DURININA, L.I.; BISENIETSE, S.K. [Biseniece, S.];  
GUNDARS, A.Yu.; FEDORCHENKO, R.I.; MINAKOVA, V.I.

New method for the complete chemical processing of plant tissues.  
Gidroliz. i lesokhim. prom. 14 no.7:4-5 '61. (ruka 14:11)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR (for Golova, Epshteyn, Merlis, Durinina).
2. Institut lesokhozyaystvennykh problem i khimii drevesiny AN Latviyskoy SSR (for Sergeyeva, Kalnin'sh, Odintsov, Bisenietse, Gundars).
3. Krasnodarskiy gidroliznyy zavod (for Maksimenko, Fedorchenko, Minakova).
4. Dnepropetrovskiy sel'skokhozyaystvennyy institut (for Panasyuk).

(Plant cells and tissues)  
(Botanical chemistry)

BISENKOV, N.P., kandidat meditsinskikh nauk (Leningrad, ul. Lebedeva, 37-a)

Coronary sinus of the heart; surgical approach [with summary in English p.158] Vest.khir. 77 no.7:38-46 J1 '56. (MLRA 9:10)

1. Iz kafedry operativnoy khirurgii (nach. - prof. A.N.Maksimenkov)  
Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova  
(HEART, BLOOD SUPPLY  
anat.)